

ccatctggta gagatcgatt tcagatgcaa ctgtgtacct attccactgg 400  
 ggtcaaaaaa caacatgtgc atcaagaggc tgcagattaa acccagaagc 450  
 tttagtggac tcacttattt aaaatccctt tacctggatg gaaaccagct 500  
 actagagata ccgcagggcc tcccgcctag cttacagctt ctcagccttg 550  
 aggccaacaa catcttttcc atcagaaaag agaactctaac agaactggcc 600  
 aacatagaaa tactctacct gggccaaaac tggtattatc gaaatccttg 650  
 ttatgtttca tattcaatag agaaagatgc cttcctaaac ttgacaaagt 700  
 taaaagtgct ctccctgaaa gataacaatg tcacagccgt ccctactgtt 750  
 ttgccatcta ctttaacaga actatatctc tacaacaaca tgattgcaaa 800  
 aatccaagaa gatgatttta ataacctcaa ccaattacaa attcttgacc 850  
 taagtggaaa ttgccctcgt tggtataatg ccccathttcc ttgtgcgccg 900  
 tgtaaaaata attctcccct acagatccct gtaaagtctt ttgatgcgct 950  
 gacagaatta aaagttttac gtctacacag taactctctt cagcatgtgc 1000  
 cccaagatg gtttaagaac atcaacaaac tccaggaact ggatctgtcc 1050  
 caaaacttct tggccaaaga aattggggat gctaaatttc tgcattttct 1100  
 cccagcctc atccaattgg atctgtcttt caattttgaa cttcaggtct 1150  
 atcgtgcac tatgaatcta tcacaagcat tttcttcaat gaaaagcctg 1200  
 aaaattctgc ggatcagagg atatgtcttt aaagagttga aaagctttaa 1250  
 cctctcgcca ttacataatc ttcaaatct tgaagtctt gatcttggca 1300  
 ctaactttat aaaaattgct aacctcagca tgtttaaaca atttaaaaga 1350  
 ctgaaagtca tagatctttc agtgaataaa atatcacctt caggagattc 1400  
 aagtgaagtt ggcttctgct caaatgccag aacttctgta gaaagttatg 1450  
 aaccccaggt cctggaacaa ttacattatt tcagatatga taagtatgca 1500  
 aggagttgca gattcaaaaa caaagaggct tctttcatgt ctgttaatga 1550  
 aagctgctac aagtatgggc agaccttga tctaagtaaa aatagtatat 1600  
 tttttgtcaa gtccctctgat tttcagcatc tttctttcct caaatgcctg 1650  
 aatctgtcag gaaatctcat tagccaaact cttaatggca gtgaattcca 1700  
 accttagca gagctgagat atttggactt ctccaacaac cggcttgatt 1750  
 tactccattc aacagcattt gaagagcttc acaaactgga agttctggat 1800

ataagcagta atagccatta ttttcaatca gaaggaatta ctcatatgct 1850  
 aaactttacc aagaacctaa aggttctgca gaaactgatg atgaacgaca 1900  
 atgacatctc ttctccacc agcaggacca tggagagtga gtctcttaga 1950  
 actctggaat tcagaggaaa tcacttagat gttttatgga gagaaggtga 2000  
 taacagatac ttacaattat tcaagaatct gctaaaatta gaggaattag 2050  
 acatctctaa aaattcccta agtttcttgc cttctggagt ttttgatggg 2100  
 atgcctccaa atctaaagaa tctctctttg gccaaaaatg ggctcaaate 2150  
 tttcagttgg aagaaactcc agtgtctaaa gaacctggaa actttggacc 2200  
 tcagccacaa ccaactgacc actgtccctg agagattatc caactgttcc 2250  
 agaagcctca agaattctgat tcttaagaat aatcaaatca ggagtctgac 2300  
 gaagtatttt ctacaagatg ccttccagtt gcgatatctg gatctcagct 2350  
 caaataaaat ccagatgatc caaaagacca gcttcccaga aaatgtcctc 2400  
 aacaatctga agatgttgct tttgcatcat aatcggtttc tgtgcacctg 2450  
 tgatgctgtg tggtttgtct ggtgggttaa ccatacggag gtgactattc 2500  
 cttacctggc cacagatgtg acttgtgtgg ggccaggagc acacaagggc 2550  
 caaagtgtga tctccctgga tctgtacacc tgtgagttag atctgactaa 2600  
 cctgattctg ttctcacttt ccatatctgt atctctcttt ctcatggtga 2650  
 tgatgacagc aagtcacctc tatttctggg atgtgtggtg tatttaccat 2700  
 ttctgtaagg ccaagataaa ggggtatcag cgtctaatat caccagactg 2750  
 ttgctatgat gcttttattg tgtatgacac taaagacca gctgtgaccg 2800  
 agtgggtttt ggctgagctg gtggccaaac tggaagaccc aagagagaaa 2850  
 cattttaatt tatgtctcga ggaaagggac tggttaccag ggcagccagt 2900  
 tctggaaaac ctttcccaga gcatacagct tagcaaaaag acagtgtttg 2950  
 tgatgacaga caagtatgca aagactgaaa attttaagat agcattttac 3000  
 ttgtcccacg agaggctcat ggatgaaaaa gttgatgtga ttatcttgat 3050  
 atttcttgag aagccctttc agaagtccaa gttcctccag ctccggaaaa 3100  
 ggctctgtgg gagttctgtc cttgagtggc caacaaacc gcaagctcac 3150  
 ccatacttct ggcagtgtct aaagaacgcc ctggccacag acaatcatgt 3200  
 ggcctatagt caggtgttca aggaaacggt ctagcccttc tttgcaaaac 3250

acaactgcct agtttaccaa ggagagcct ggc 3283

<210> 496

<211> 1049

<212> PRT

<213> Homo sapiens

<400> 496

Met	Val	Phe	Pro	Met	Trp	Thr	Leu	Lys	Arg	Gln	Ile	Leu	Ile	Leu	
1				5					10					15	
Phe	Asn	Ile	Ile	Leu	Ile	Ser	Lys	Leu	Leu	Gly	Ala	Arg	Trp	Phe	
				20					25					30	
Pro	Lys	Thr	Leu	Pro	Cys	Asp	Val	Thr	Leu	Asp	Val	Pro	Lys	Asn	
				35					40					45	
His	Val	Ile	Val	Asp	Cys	Thr	Asp	Lys	His	Leu	Thr	Glu	Ile	Pro	
				50					55					60	
Gly	Gly	Ile	Pro	Thr	Asn	Thr	Thr	Asn	Leu	Thr	Leu	Thr	Ile	Asn	
				65					70					75	
His	Ile	Pro	Asp	Ile	Ser	Pro	Ala	Ser	Phe	His	Arg	Leu	Asp	His	
				80					85					90	
Leu	Val	Glu	Ile	Asp	Phe	Arg	Cys	Asn	Cys	Val	Pro	Ile	Pro	Leu	
				95					100					105	
Gly	Ser	Lys	Asn	Asn	Met	Cys	Ile	Lys	Arg	Leu	Gln	Ile	Lys	Pro	
				110					115					120	
Arg	Ser	Phe	Ser	Gly	Leu	Thr	Tyr	Leu	Lys	Ser	Leu	Tyr	Leu	Asp	
				125					130					135	
Gly	Asn	Gln	Leu	Leu	Glu	Ile	Pro	Gln	Gly	Leu	Pro	Pro	Ser	Leu	
				140					145					150	
Gln	Leu	Leu	Ser	Leu	Glu	Ala	Asn	Asn	Ile	Phe	Ser	Ile	Arg	Lys	
				155					160					165	
Glu	Asn	Leu	Thr	Glu	Leu	Ala	Asn	Ile	Glu	Ile	Leu	Tyr	Leu	Gly	
				170					175					180	
Gln	Asn	Cys	Tyr	Tyr	Arg	Asn	Pro	Cys	Tyr	Val	Ser	Tyr	Ser	Ile	
				185					190					195	
Glu	Lys	Asp	Ala	Phe	Leu	Asn	Leu	Thr	Lys	Leu	Lys	Val	Leu	Ser	
				200					205					210	
Leu	Lys	Asp	Asn	Asn	Val	Thr	Ala	Val	Pro	Thr	Val	Leu	Pro	Ser	
				215					220					225	
Thr	Leu	Thr	Glu	Leu	Tyr	Leu	Tyr	Asn	Asn	Met	Ile	Ala	Lys	Ile	
				230					235					240	
Gln	Glu	Asp	Asp	Phe	Asn	Asn	Leu	Asn	Gln	Leu	Gln	Ile	Leu	Asp	
				245					250					255	